

FIG. 1

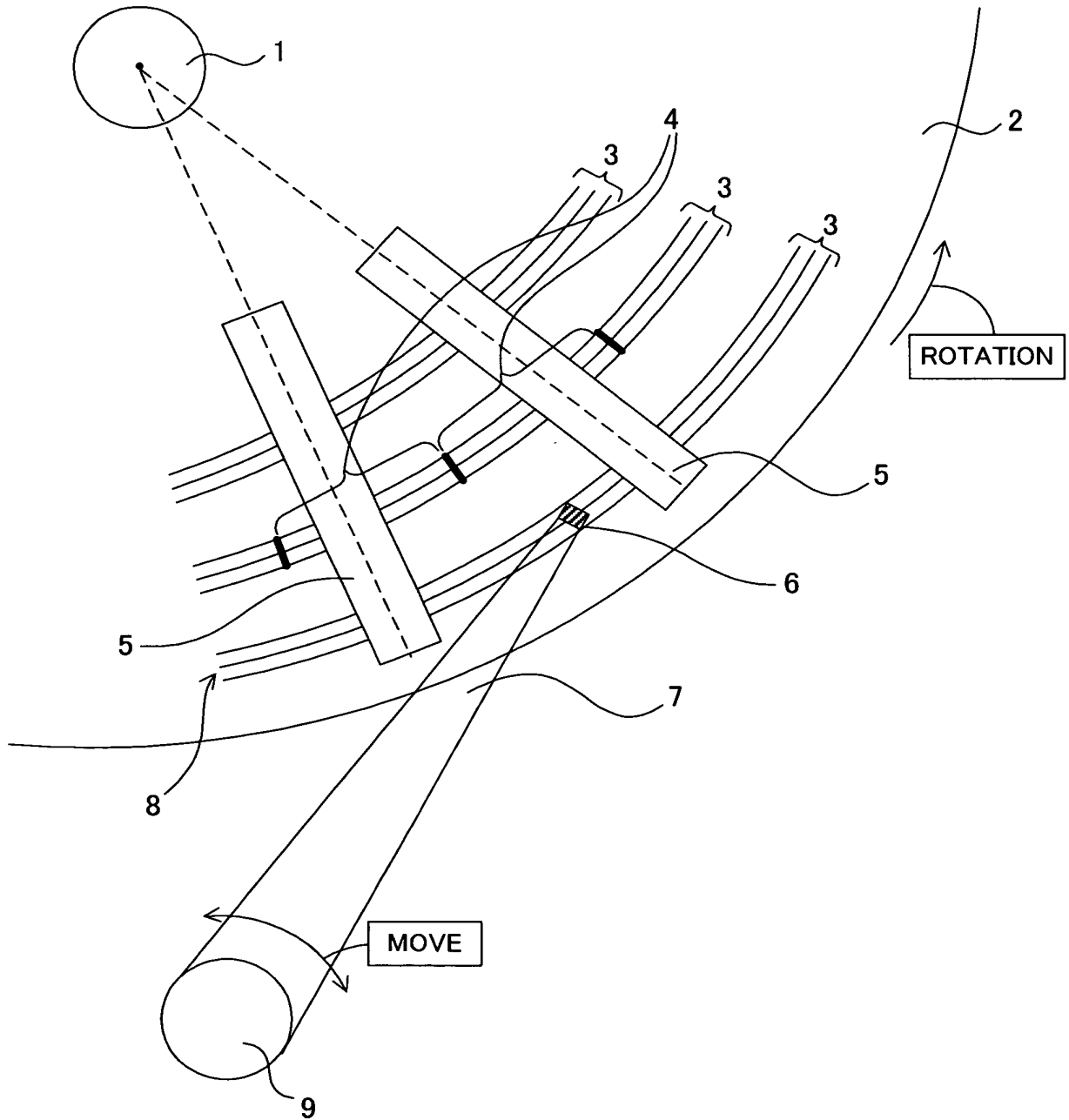
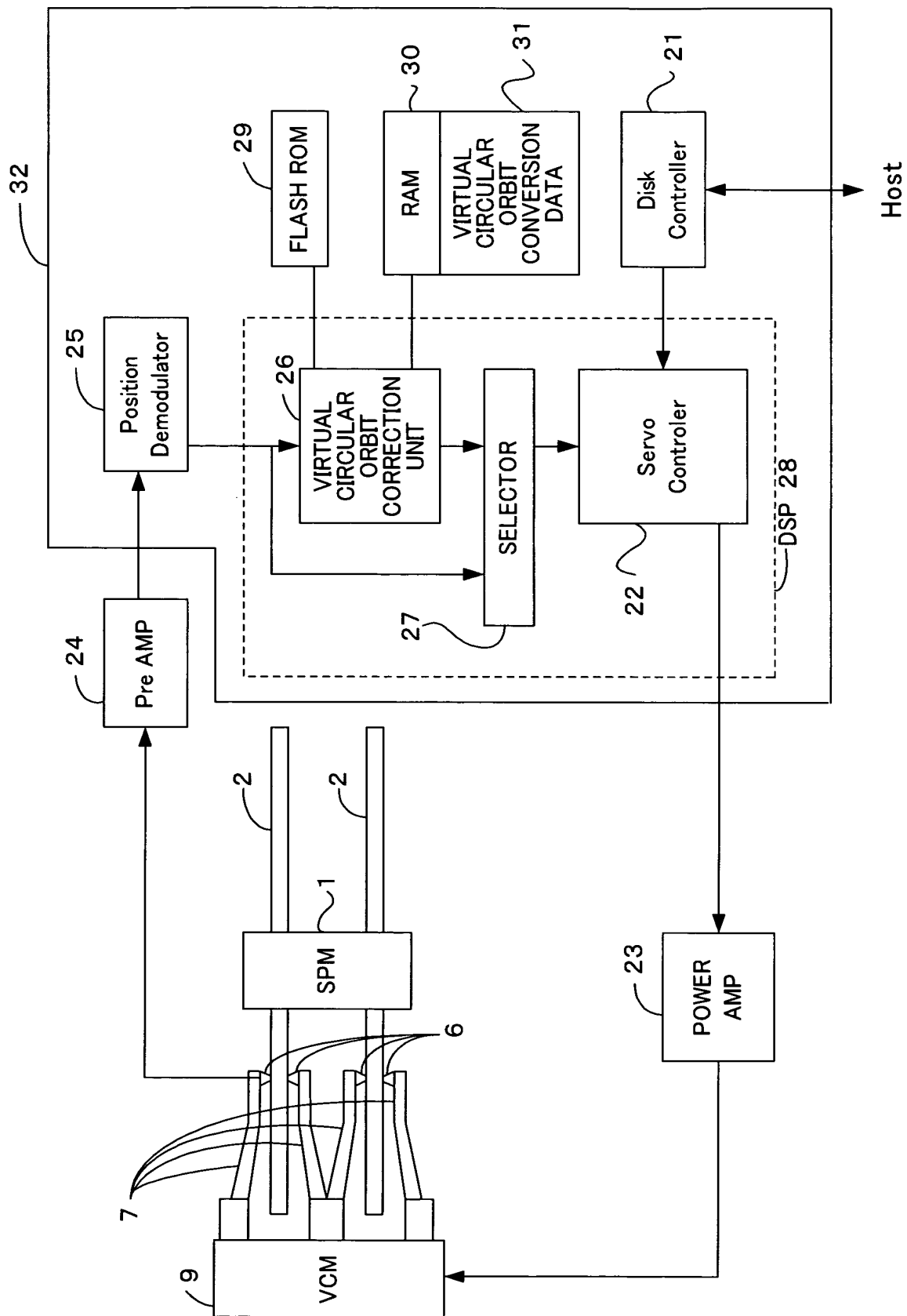


FIG. 2



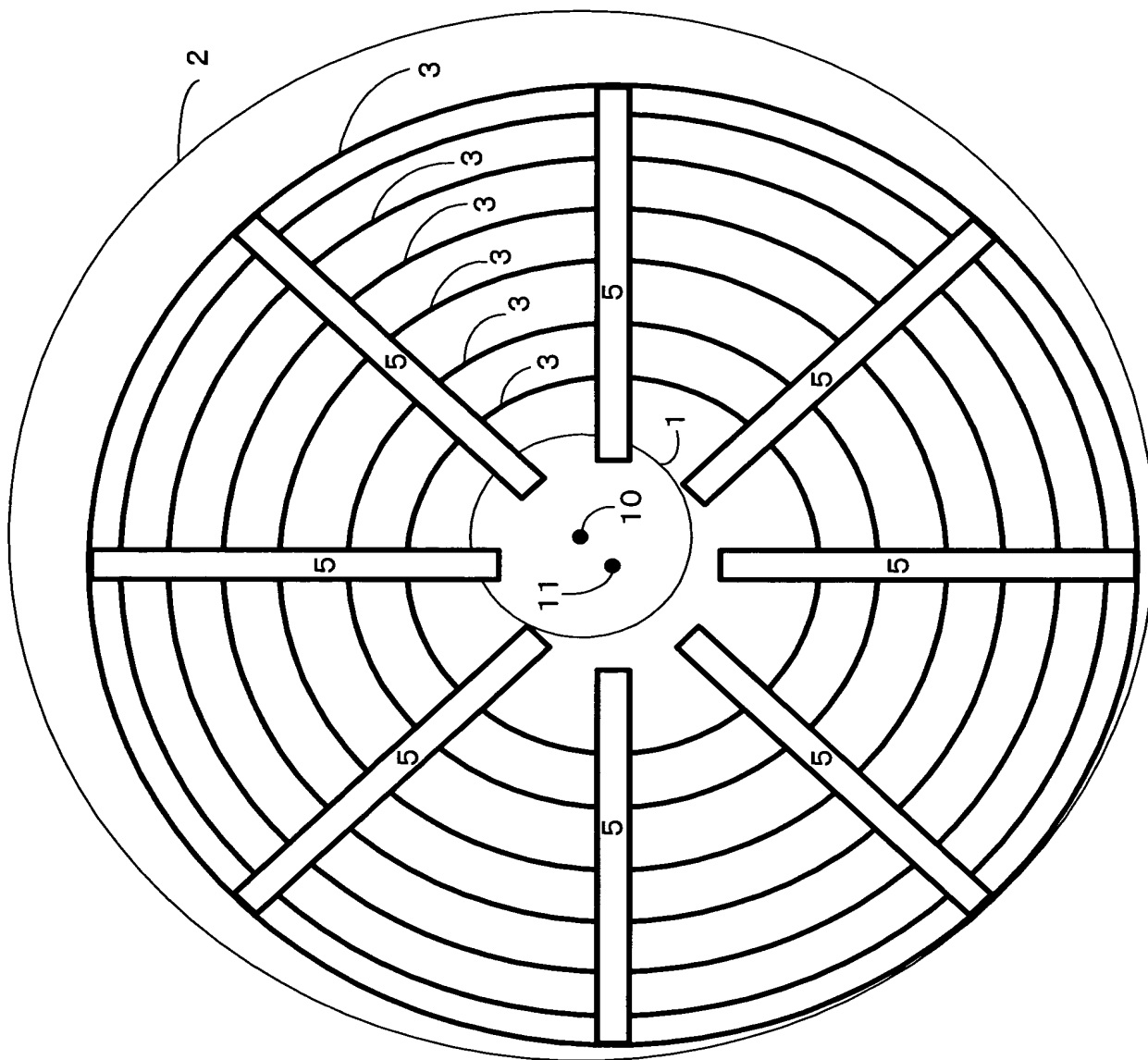


FIG. 3

FIG. 4

| HEAD NUMBER<br>41 | CIRCULAR ORBIT<br>BASED ON SERVO<br>INFORMATION 42 | VIRTUAL CIRCULAR<br>ORBIT 43 |
|-------------------|--|------------------------------|
| 1                 | (rtrk1, rsct1)                                     | (vtrk1, vsct1)               |
| 1                 | (rtrk2, rsct2)                                     | (vtrk2, vsct2)               |
| 2                 | (rtrk3, rsct3)                                     | (vtrk3, vsct3)               |
| 2                 | (rtrk4, rsct4)                                     | (vtrk4, vsct4)               |
| ...               | ...  | ...                          |
| n                 | (rtrkN, rsctN)                                     | (vtrkN, vsctN)               |

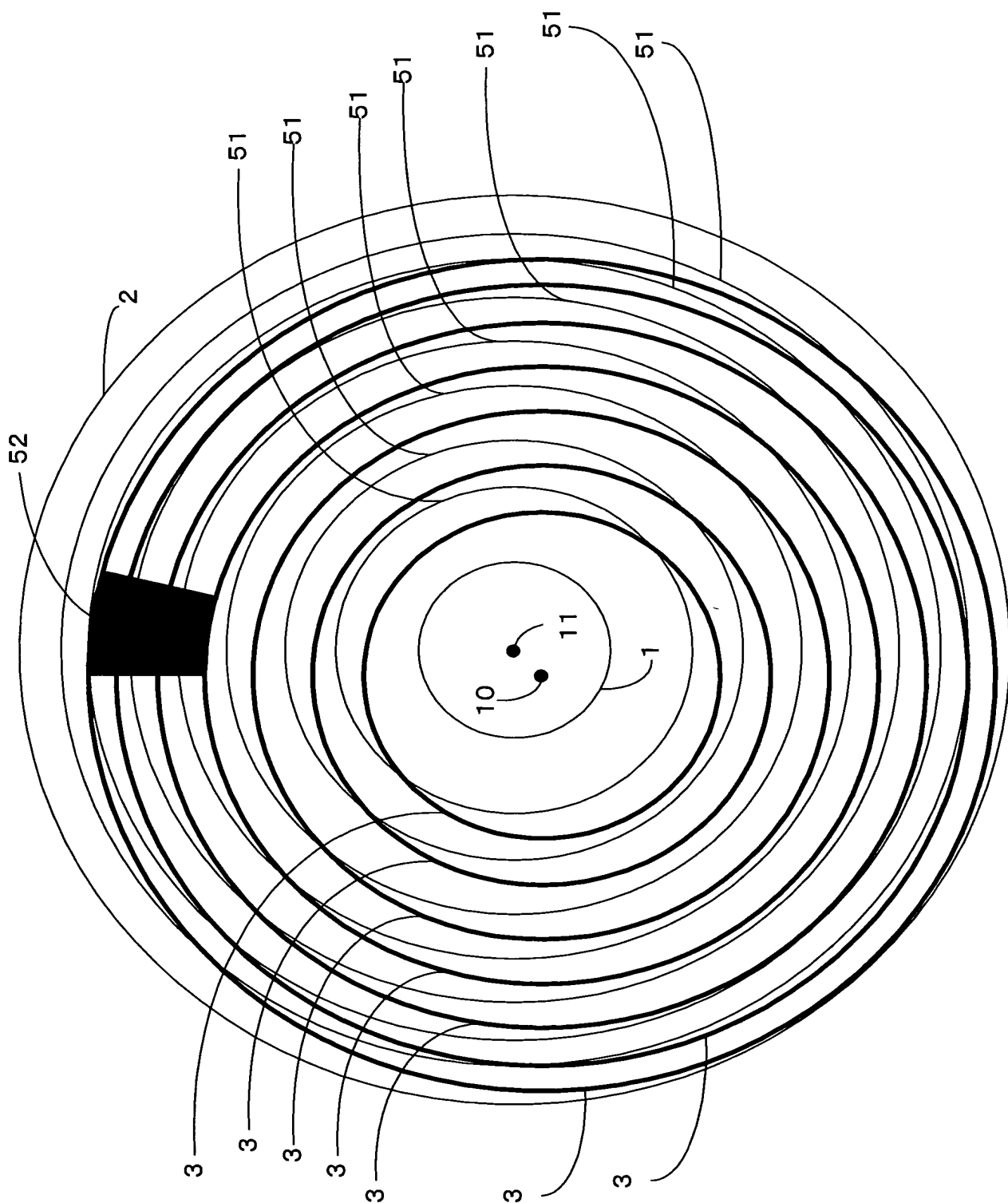


FIG. 5

**FIG. 6**

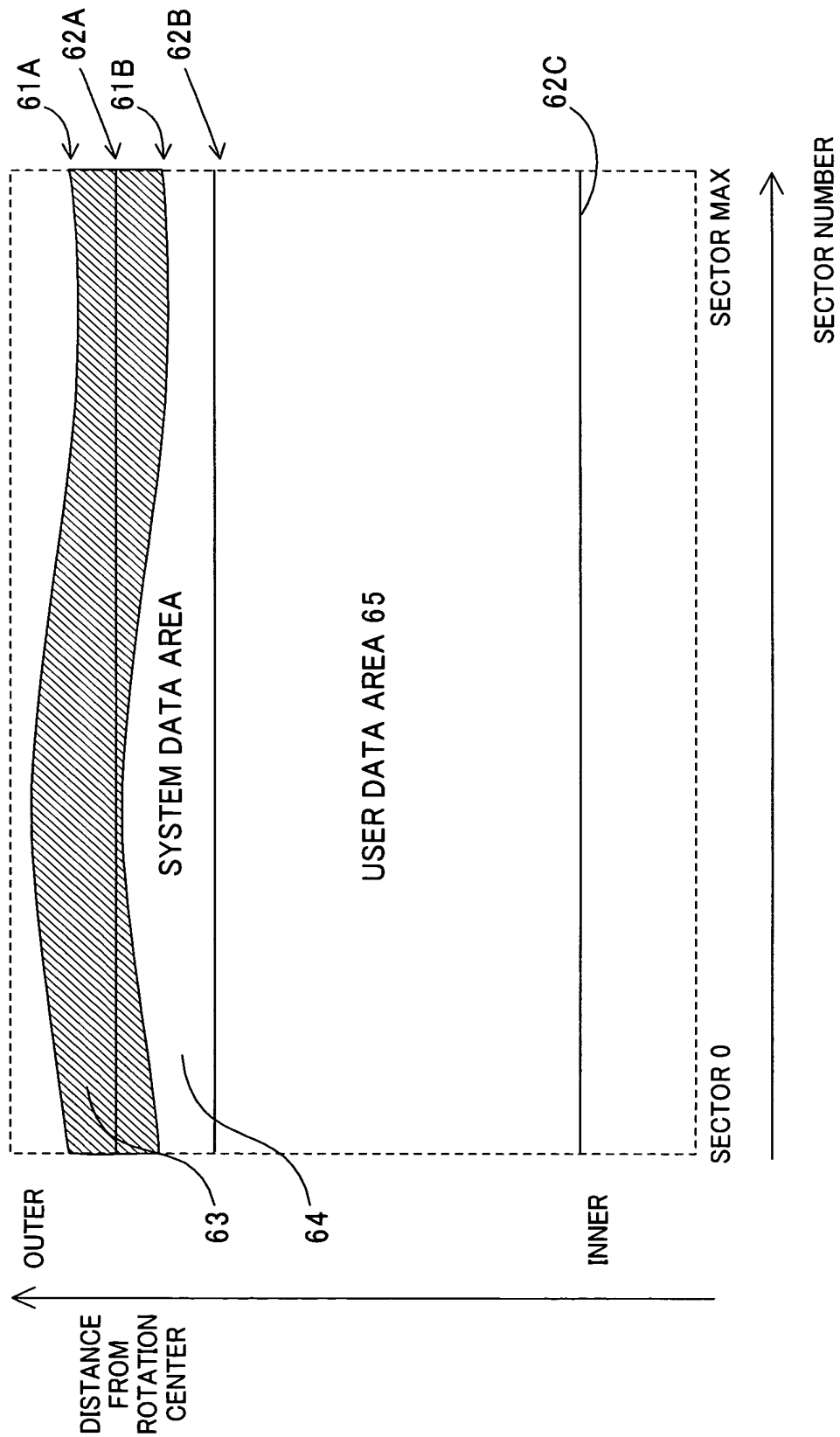


FIG. 7

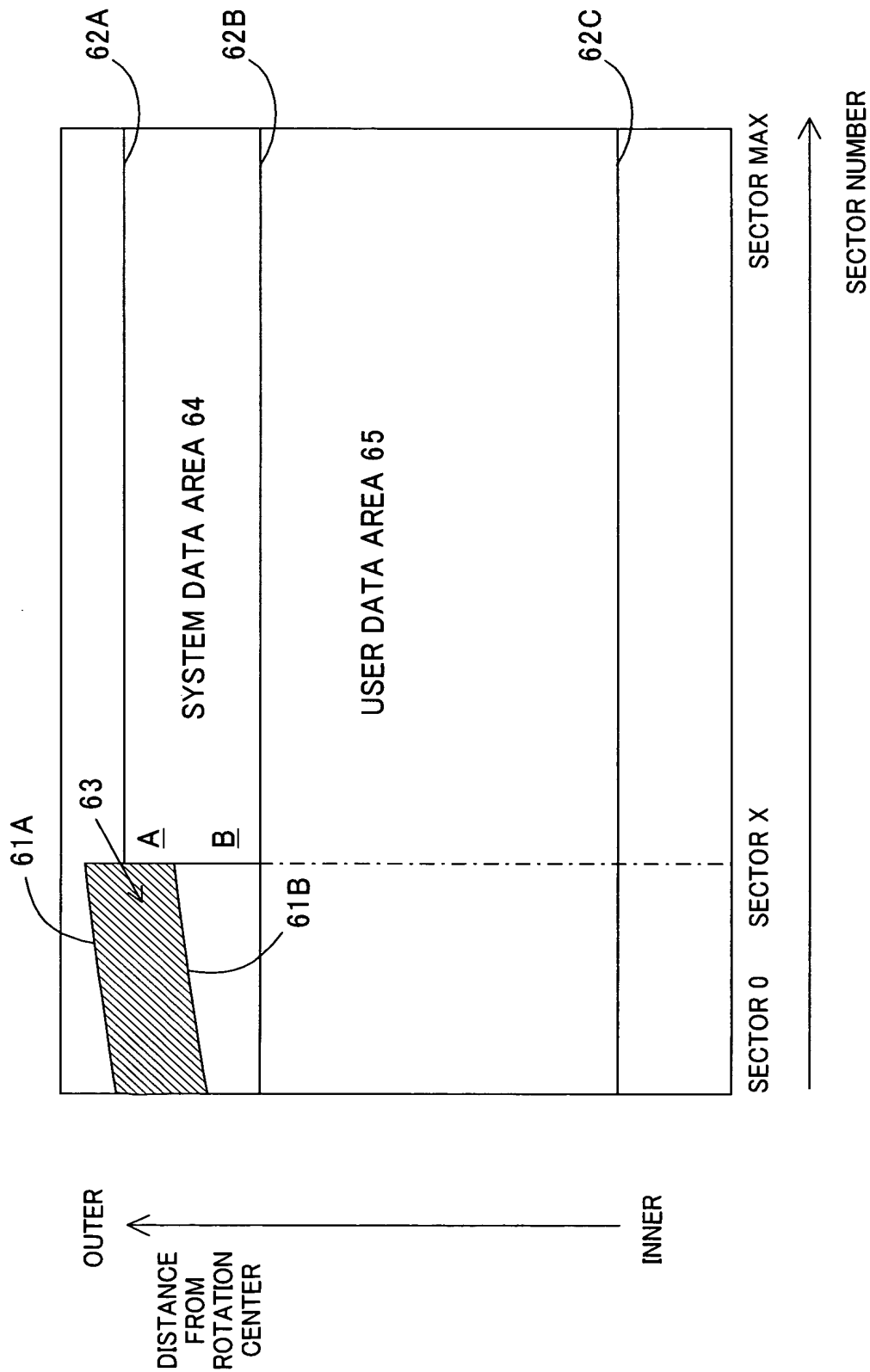


FIG. 8

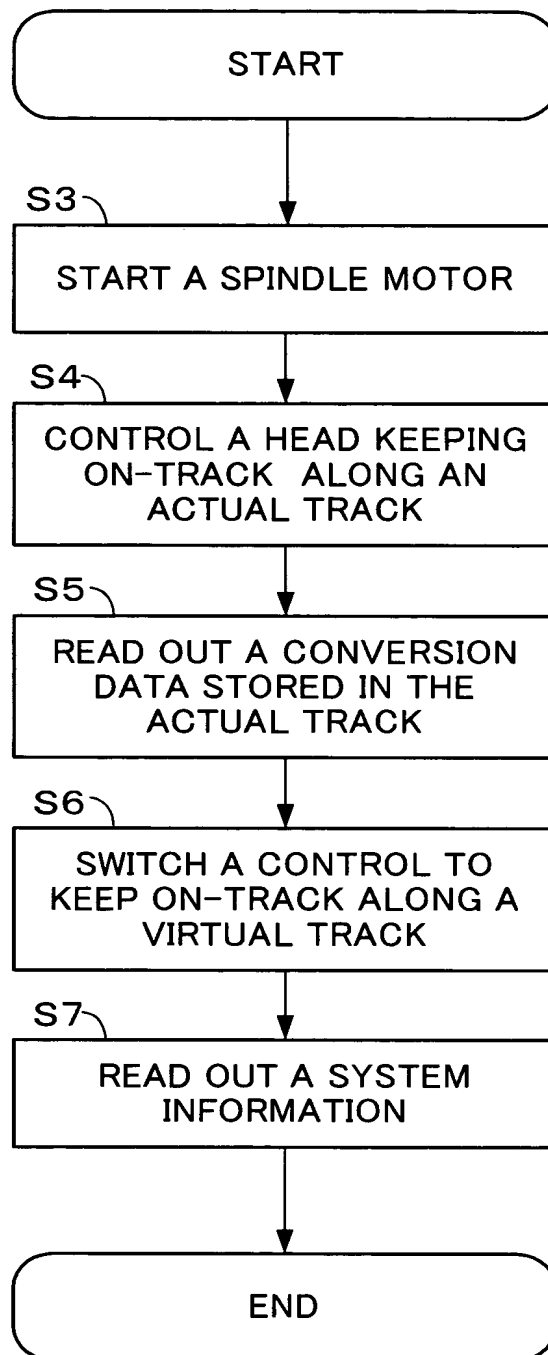




FIG. 9

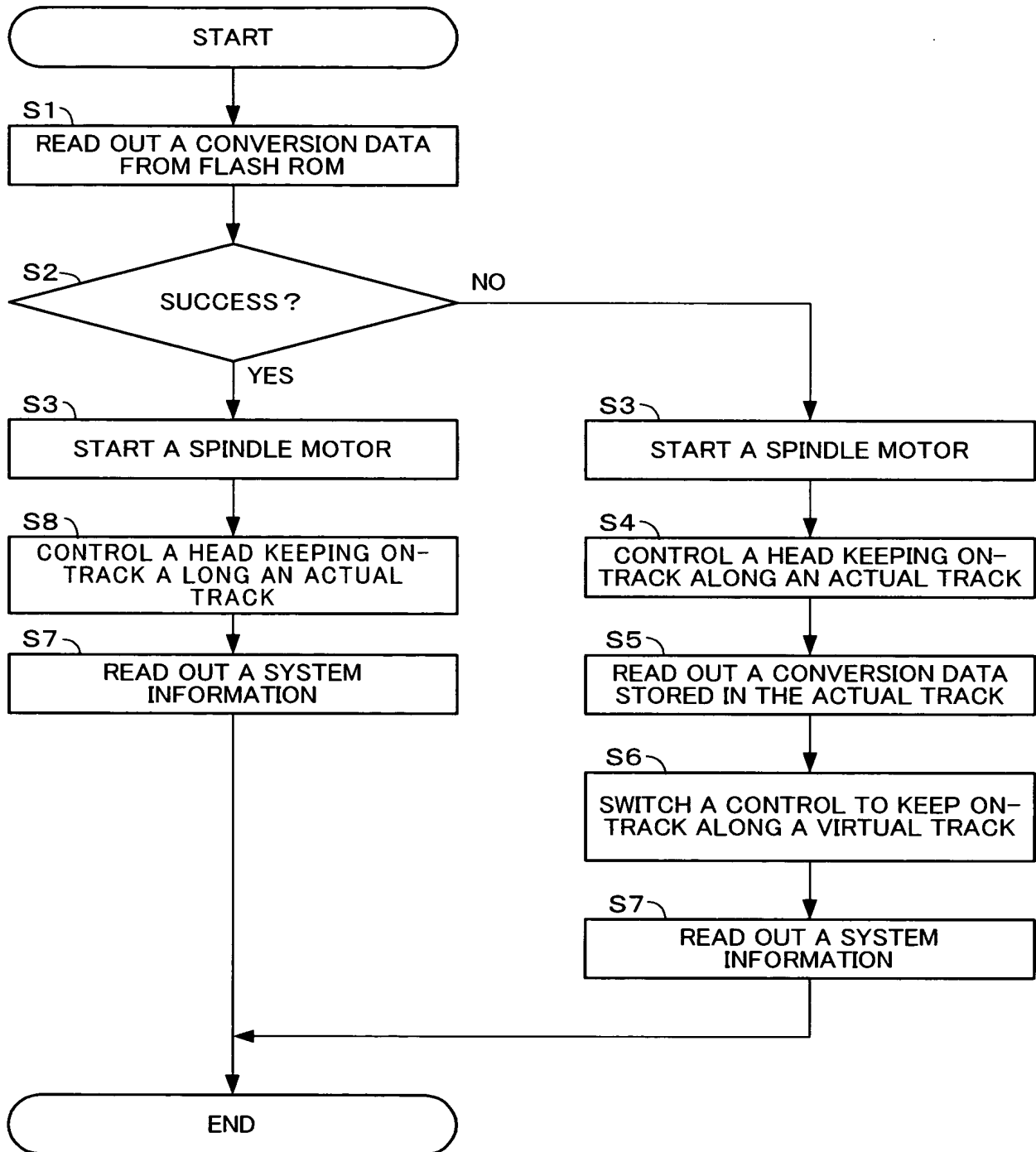


FIG. 10

